

25X1A5a2

**EXHIBIT I**  
**To Contract No. [REDACTED]**

The following design specifications for the Countermeasures Repeater, Mod 504, are intended to serve as a guide for the design and manufacture of the equipment. These specifications are not intended to be so rigid as to prevent the Contractor from including refinements and/or changes that will be of significant improvement to the system.



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**APPENDIX I**  
**Contract No. [REDACTED]**  
**SPARE PARTS**

25X1A5a2

<u>Item No.</u>	<u>Description</u>	<u>Mfr and P/N</u>	<u>Qty Per Set</u>
1	Blower	Rotron-368YS	1
2	Capacitor, Tantalum, 2.9uf, 15v	GE-29F557	7
3	Capacitor, Tantalum, 60 uf, 15v	GE-29F481	7
4	Capacitor, Tantalum, 200 uf, 15v	GE-29F482	3
5	Capacitor, Tantalum, 15 uf, 15v	GE-29F480	3
6	Capacitor, Tantalum, 580 uf, 15v	GE-29F484	1
7	Capacitor, Tantalum, 125 uf, 25v	GE-29F486	2
8	Capacitor, Tantalum, 32 uf, 30v	GE-29F627	1
9	Capacitor, Tantalum, 4.5 uf, 50v	GE-29F473	1
10	Capacitor, Tantalum, 60 uf, 50v	GE-29F475	2
11	Capacitor, Tantalum, 1 uf, 150v	GE-29F469	2
12	Capacitor, Mica, 350 uuf, 500v	Arco-CM15-E-361 5%	2
13	Capacitor, Mica, 1000 uuf, 500v	Arco-CM20-E-102 5%	3
14	Capacitor, Mica, 47 uuf, 500v	CM15-E-470 5% (Arco)	1
15	Capacitor, Mica, 47 uuf, 500v	Arco-CM15-E-470 5%	1
16	Capacitor, Paper, 0.1 uf, 100v	Gudegan-XP327-2713-10%	1

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<u>Item No.</u>	<u>Description</u>	<u>Mfr. and P/N</u>	<u>Qty Per Set</u>
17	Capacitor, Paper, .01 uf, 100v	Gudeman XF327-2707-10%	3
18	Capacitor, Paper, .022 uf, 100v	Gudeman XF327-2709-10%	1
19	Capacitor, Paper, 0.22 uf, 100v	Gudeman XF327-2715-10%	1
20	Capacitor, Paper, .068 uf, 100v	Gudeman XF327-2712-10%	1
21	Capacitor, Paper, .0047 uf, 100v	Gudeman XF327-2705-10%	1
22	Capacitor, Paper, 0.47 uf, 400v	Gudeman XF327-2774-JT-10%	1
23	Capacitor, Paper, .01 uf, 400v	Gudeman XF327-2764-10%	1
24	Capacitor, Plastic, 0.25 uf, 3kv	Plastic Capacitor Inc. OF30-254	2
25	Capacitor, Plastic, 0.5 uf, 2kv	Plastic Capacitors Inc. OF20-504	1
26	Capacitor, Plastic, 0.1 uf, 2kv	Plastic Capacitors Inc. OF20-104	1
27	Capacitor, Plastic, .01 uf, 3kv	Plastic Capacitors Inc. OF30-103	3
28	Detector, Crystal	Sylvania IN358A	1
29	Diode, 1N191	Hughes	10
30	Diode, 1N270	Transitron	9
31	Diode, HR10215	Hughes	3
32	Diode, 1N468A	Hoffman	3
33	Diode, 1N626	Hughes	1
34	Diode, 1N457	Hughes	1
35	Flanges, Waveguide Pressurizing	Varian Assoc. V1100B	2

<u>Item No.</u>	<u>Description</u>	<u>Mfr. and P/N</u>	<u>Qty Per Set</u>
36	Modulator, Ferrite Microwave	Cascade Research R920	1
37	Potentiometer, 1 K	Bourns 2008-1-102	7
38	Potentiometer, 10 K	Bourns 2008-1-103	2
39	Potentiometer, 100 K	Bourns 212-1-104	2
40	Rectifier, 5000 v	PSI 1N1734	4
41	Regulator Tube, Corona, 2kv	Victoreen GV3A-2000	2
42	Relay, Subminiature, 28v DPDT	General Electric 3527910-200D10	2
43	Relay, Time Delay, 26.5v, 60 sec.	Curtiss Wright 26.5-60-900	1
44	Relay, SPDT	Allied RSE-3D	1
45	Transistor, 2N670	Philco 2N670	5
46	Transistor, HA7503	Hughes HA7503	3
47	Transistor, 2N167	General Electric 2N167	14
48	Transistor, 2N345	Philco 2N345	5
49	Transistor, 2N247	RCA 2N247	1
50	Transistor, 2N123	General Electric 2N123	9
51	Transistor, HA7510	Hughes HA7510	2
52	Transistor, 2N671	Philco 2N671	2
53	Transistor, 2N620	Raytheon 2N620	2
54	Transistor, 2N495	Philco 2N495	4
55	Transistor, 2N491	General Electric 2N491	2
56	Transistor, 2N174A	Delco 2N174A	2
57	Transistor, 2N158	CBS 2N158	1
58	Transformer, High Voltage	Pico	1

<u>Item No.</u>	<u>Description</u>	<u>Mfr. and P/N</u>	<u>Qty Per Set</u>
59	Transformer, Inverter	Pico	1
60	TWT, 1 watt	Huggins HA-21	1
61	TWT, 10 Milliwatt	Huggins HA-20	1
62	Vacuum Tube	684	2
63	Vacuum Tube	National Union 6842	2
64	Vacuum Tube	12AT7	2
65	Vacuum Tube	Raytheon 5744WA	1